

Amendments to the Specification

Please replace the second full paragraph on page 14 with the following amended paragraph:

--In another aspect of the present invention, a process for generating with high speed a curve surface on a workpiece is disclosed in which procedure to cut the desired curve surface on the workpiece is performed by making use of a prediction learning control and a learning control where angle pulses are used at repeated periods with taking into account ~~pseudo-instructions~~ instructions which are fed back repeatedly to the work spindle at every angular cycle.--